

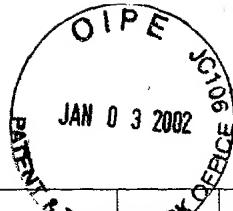
11. A level limit valve in accord with Claim 10, therein characterized, in that the carrier 2 possesses on its upper side a centrally located opening (75) which is penetrated by the lever rod (5).

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Summary

The invention concerns a level limit valve for the fuel tank of a vehicle. Such valves serve the purpose, that upon the filling of the fuel tank, the filled quantity of the fuel is limited. The proposed level limit valve possesses a valve body 1 which can be positioned within the fuel tank at the end of a filling pipe. The valve body is equipped with an intake port 22 which is connectable with the said filling pipe and an outlet port 21 emptying into the interior of the fuel tank. Further, in the valve body 1 is found a flap 4, which is pivotally movable between a position tightly sealing the outlet port 21 and a position wherein this is opened. The float 3 is movably connected to said flap 4 by means of a lever rod 5. The lever rod 5 penetrates the outlet port 21 at least in the opened position of the flap 4 and is connected by means of linkage with that outer side 28 of the flap 4 which is proximal to the outlet port 21.

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1	Valve body	49b	Cross leg
2	Carrier	50	Linkage lever
3	Float	53	Pivoting pin
4	Flap	54	Pivoting pin
5	Lever rod	55	Bearing eye
6	Inlet fitting	56	Detent
7	Centerline axis, Longitudinal	57	Detent abutment
8	Flat surface	58	Pivot axis
9	Affixing means	59	Lever arm
10	Wall	60	Lever arm
11	Through opening	63	Web
12	—	64	Pivot axle
13	Wall of tank	65	Bearing eye
14	Opening	66	Fork leg
15	Carrier	67	Pivot axle
16	Flange	68	Bearing eye
17	Pin	69	Linkage lever
18	Locking component	70	Pivot pin
19	Upper rim section	71	Slot
20	Direction of flow	73	Bearing eye
21	Valve exit port	74	Clip
22	Valve entry port	75	Opening
23	Transverse wall	76	Transverse wall
24	Lateral side section	77	Transverse wall
25	Bow-shaped rim section	78	Retaining clip
26	Valve inner chamber	79	Retaining clip
27	Edge for sealant	80	Extension
28	Outside	81	Inclined surface
29	Area of wall	82	Inner wall
30	Bearing pocket	83	Flow diversion means
31	End surface	84	Arrow
32	Valve housing web	85	Outflow boring
33	Pivot pin	86	Bearing support
34	Valve body wall	87	Detent holder
35	Thickened part	88	Detent
36	Upper side section	89	Back-cut arrangement
37	Web	90	Opening
38	Pivot axle	91	Flow diverter
39	Intervening space	92	Clip holder
40	Wall	93	Direction of Arrow
43	Side wall	94	Flattened place
44	Bearing base		
45	Bearing base		
46	Free end		
47	Bearing eye		
48	Transverse direction		
49	Linkage part		
49a	Parallel leg		